

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (original): An oligomer-containing or oligomer-free fluoropolymer, wherein said oligomer has a molecular weight of not higher than 10,000 and amounts to not more than 0.05% by mass relative to the mass of said fluoropolymer.
2. (original): An oligomer-containing or oligomer-free fluoropolymer, wherein said oligomer has a molecular weight of not higher than 35,000 and amounts to not more than 0.7% by mass relative to the mass of said fluoropolymer.
3. (currently amended): The fluoropolymer according to Claim 1 ~~or 2~~, which has a cohesive site and the number of said cohesive sites is 3 to 800 per 1×10^6 main chain carbon atoms of said fluoropolymer.
4. (original): The fluoropolymer according to Claim 3, wherein the cohesive site is carbonyl group, hydroxyl group and/or an amino group.
5. (original): The fluoropolymer according to Claim 4, wherein the carbonyl group is derived from at least one selected from the group consisting of formyl group, carboxyl group, a haloformyl group, ester bond, acid anhydride bond, a carbonate group, isocyanate group, an amide group, imide group, urethane bond and ureido group.
6. (currently amended): The fluoropolymer according to Claim 1, ~~2, 3, 4 or 5~~, which has tetrafluoroethylene unit content of not lower than 20 mole percent.
7. (currently amended): The fluoropolymer according to Claim 1, ~~2, 3, 4, 5 or 6~~,

which is a copolymer comprising tetrafluoroethylene unit and a perfluoro monomer unit derived from a perfluoro monomer represented by the general formula (i):

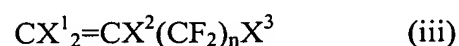


wherein Rf^1 represents $-\text{CF}_3$ or $-\text{ORf}^2$, and Rf^2 represents a perfluoroalkyl group containing 1 to 5 carbon atoms.

8. (currently amended): The fluoropolymer according to Claim 1, ~~2, 3, 4, 5 or 6~~, which is a copolymer comprising 0 to 60 mole percent as a total of a perfluorovinyl ether unit derived from a perfluorovinyl ether represented by the general formula (ii):



wherein Rf^2 represents a perfluoroalkyl group containing 1 to 5 carbon atoms, and/or a fluoroolefin unit derived from a fluoroolefin represented by the general formula (iii):



wherein X^1 and X^2 are the same or different and each represents hydrogen atom or fluorine atom, X^3 represents hydrogen atom, fluorine atom or chlorine atom, and n represents an integer of 1 to 10,

20 to 80 mole percent of tetrafluoroethylene unit and
20 to 80 mole percent of ethylene unit.

9. (currently amended): The fluoropolymer according to Claim 1, ~~2, 3, 4 or 5~~, which is a polymer having vinylidene fluoride unit content of not lower than 10 mole percent.

10. (currently amended): The fluoropolymer according to Claim 1, ~~2, 3, 4, or 5~~, which is a copolymer comprising 15 to 84 mole percent of vinylidene fluoride unit, 15 to 84 mole percent of tetrafluoroethylene unit and 0 to 30 mole percent of hexafluoropropylene unit.

11. (currently amended): The fluoropolymer according to Claim 1, ~~2, 3, 4, 5, 6, 7, 8, 9 or 10~~, which is a fluorine-containing cohesive ethylenic polymer.

12. (currently amended): A fluoropolymer composition comprising the fluoropolymer according to Claim 1, ~~2, 3, 4, 5, 6, 7, 8, 9, 10 or 11~~ and an electrically conductive filler, which gives an extrudate strand showing a surface resistance value of not higher than $10^9 \Omega \cdot \text{cm/cm}$ when charged into a melt indexer.
13. (currently amended): A fluorine-containing molded material which is made from the fluoropolymer according to Claim 1, ~~2, 3, 4, 5, 6, 7, 8, 9, 10 or 11 or the fluoropolymer composition according to Claim 12.~~
14. (original): A method of using fluorine-containing molded material, wherein the fluorine-containing molded material according to Claim 13 is used in contact with a liquid.
15. (original): A laminate comprising the fluorine-containing molded material according to Claim 13 and an other layer, wherein said other layer is made from an organic material, a metallic material and/or a vitreous material.
16. (original): The laminate according to Claim 15, wherein the organic material has a site having affinity for a fluoropolymer and/or reactivity with a fluoropolymer.
17. (original): The laminate according to Claim 16, wherein the site having affinity for the fluoropolymer and/or reactivity with the fluoropolymer includes hydroxyl group, a carbonate group, an amino group, an amide group, imide group, mercapto group, sulfonic acid group, an epoxy group, ester bond, carboxyl group and/or isocyanato group, and

said mercapto group, said sulfonic acid group and/or said carboxyl group may be in the form of a salt.

18. (currently amended): The laminate according to Claim 15, ~~16 or 17~~, wherein the organic material comprises a polyamide resin, a polyester resin, a polycarbonate resin, a polyamideimide resin, a polyethersulfone resin, a polysulfone resin, a urethane resin, a polyphenylene oxide resin, a polyetherimide resin, a polyacetal resin, a polyvinyl alcohol resin, an ethylene/vinyl alcohol resin and/or a modified polyolefin resin.

19. (currently amended): The laminate according to Claim 15, ~~16, 17 or 18~~, which is one laminated by melt-coextrusion molding.

20. (currently amended): A fluorine-containing fabricated article made with the fluorine-containing molded material according to Claim 13 ~~or the laminate according to Claim 15, 16, 17, 18 or 19~~,
said fluorine-containing fabricated article is a film, a sheet, a hose or a tube.

21. (original): The fluorine-containing fabricated article according to Claim 20, wherein the hose is a corrugated hose and the tube is a corrugated tube.

22. (currently amended): The fluorine-containing fabricated article according to Claim 20 ~~or 21~~,
wherein the tube is a piping tube for a paint, a tube for transport of a drink, a tube for transport of a liquid food, a tube for transport of a liquid chemical, a tube for transport of a fuel, or a hose for transport of a crude oil or a crude oil refined product.

23. (new): A fluorine-containing molded material which is made from the fluoropolymer composition according to Claim 12.

Preliminary Amendment
Based on PCT/JP2003/016524

24. (new): A fluorine-containing fabricated article made with the laminate according to Claim 15,
said fluorine-containing fabricated article is a film, a sheet, a hose or a tube.